FIG. 1

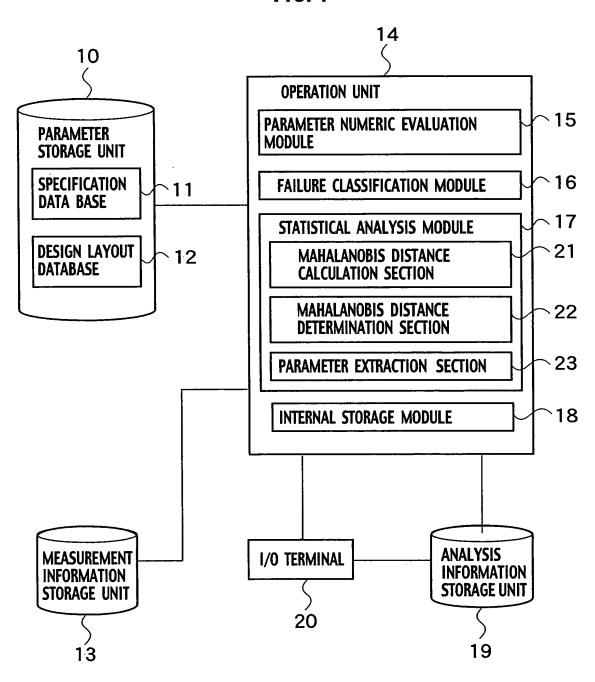
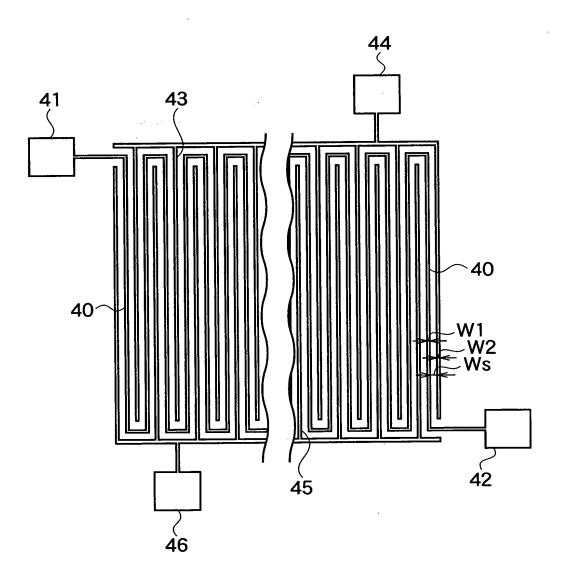
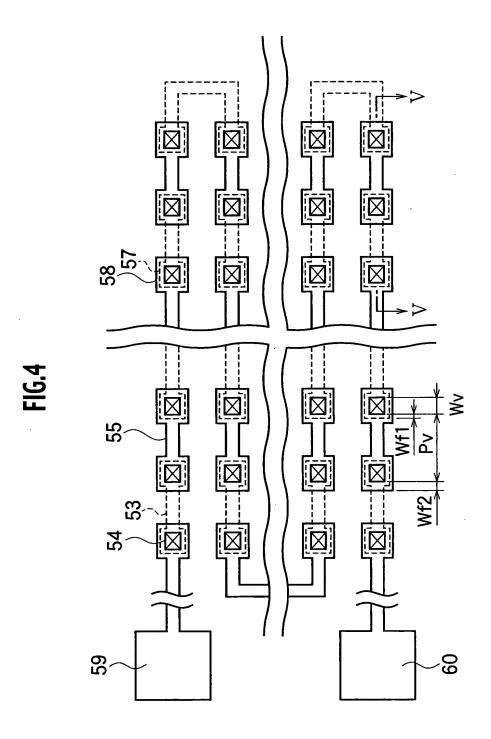


FIG. 2

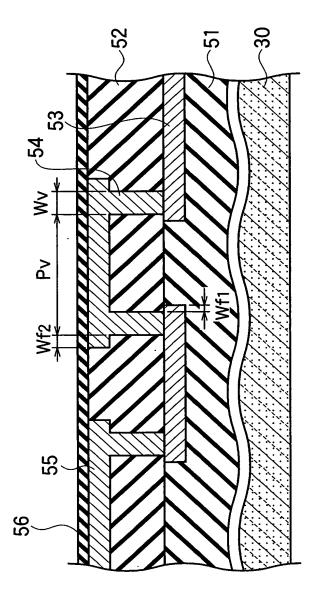


	SYSTEMATIC FAILURE	×	0	0	0	0	0	×	0	0	×	•	•	•	
								لـــ	_						L
Τ										\Box	\Box				ſ
	LOWER LAYER WIRING DENSITY	8.0	0.5	0.4	0.5	0.1	0.4	0.7	0.5	0.3	0.8	•	•	•	
	WIRING COVERAGE	0.3	0.3	0.4	9.0	0.2	0.7	0.5	9.0	0.2	0.1	•	•	•	
	WIRING DENSITY	9.0	0.7	0.3	0.2	0.1	0.4	0.8	9.0	0.3	0.7	•	•	•	
	SPACE WIDTH	0.3	0.2	0.2	0.25	0.25	0.25	0.1	0.1	0.1	0.1	•	•	•	
	LINE WIDTH	0.1	0.2	0.2	0.15	0.15	0.15	0.3	0.3	0.3	0.3	•		•	
	TEG	TEG1	TEG2	TEG3	TEG4	TEG5	TEG6	TEG7	TEG8	TEG9	TEG10	•	•		

FIG. 3



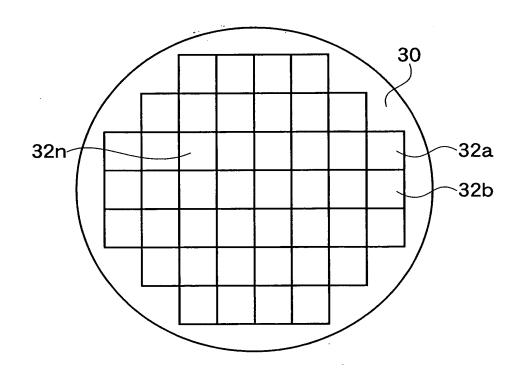




SYSTEMATIC FAILURE	×	0	0	0	×	0	0	0	•	•	•
								_			
VIA OPENING RATIO	4.0%	3.0%	3.0%	2.5%	0.5%	0.3%	0.5%	0.4%	٠	•	·
VIA PERIOD	0.5	9.0	9.0	9.0	50	10	2	1	•	•	·
VIA SCALE	10000	10000	10000	10000	1000	1000	1000	1000	•	•	•
UPPER LAYER FRINGE WIDTH	0.03	0.04	90'0	0.04	0.04	0.04	0.04	0.04	•	•	•
LOWER LAYER FRINGE WIDTH	0.03	0.04	90.0	0.03	0.04	0.04	0.04	0.04	•	•	•
UPPER LAYER SPACE WIDTH	0.15	0.2	0.3	0.2	0.2	0.2	0.2	0.2	•	•	•
LOWER LAYER SPACE WIDTH	0.15	0.2	0.3	0.15	0.2	0.2	0.2	0.2	•	•	•
LAYER LINE WIDTH	0.15	0.2	0.3	0.2	0.2	0.2	0.2	0.2	•	•	•
LOWER LAYER LINE WIDTH	0.15	0.2	0.3	0.15	0.2	0.2	0.2	0.2	•	•	•
TEG	TEG11	TEG12	TEG13	TEG14	TEG15	TEG16	TEG17	TEG18	•	•	•

F16. 6

FIG. 7



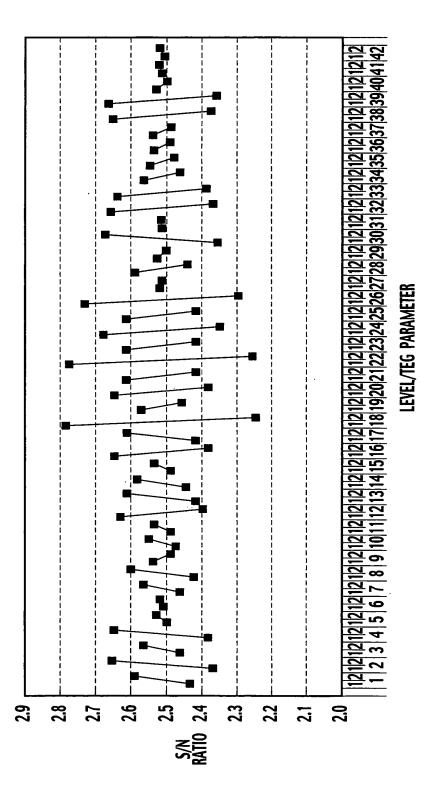
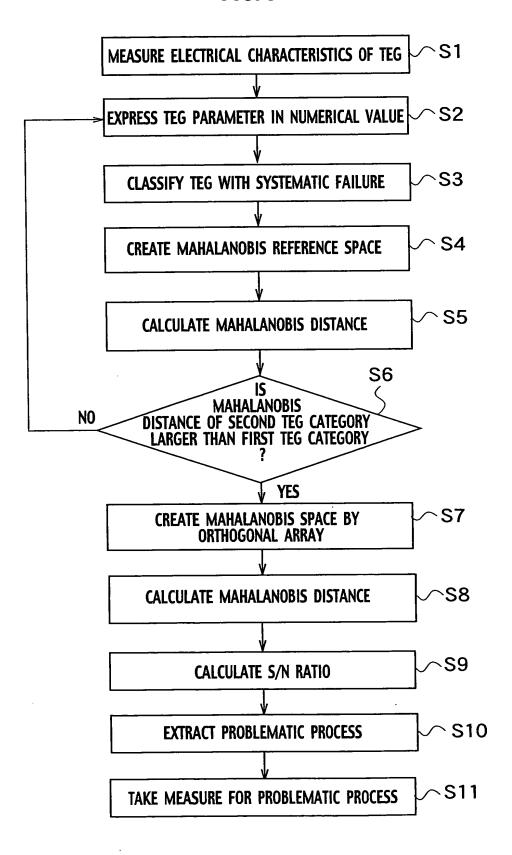


FIG. 8

FIG. 9



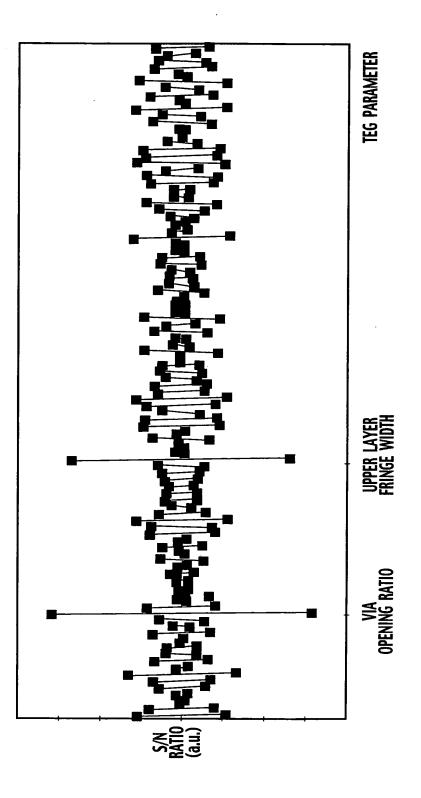


FIG. 10

FIG.11

